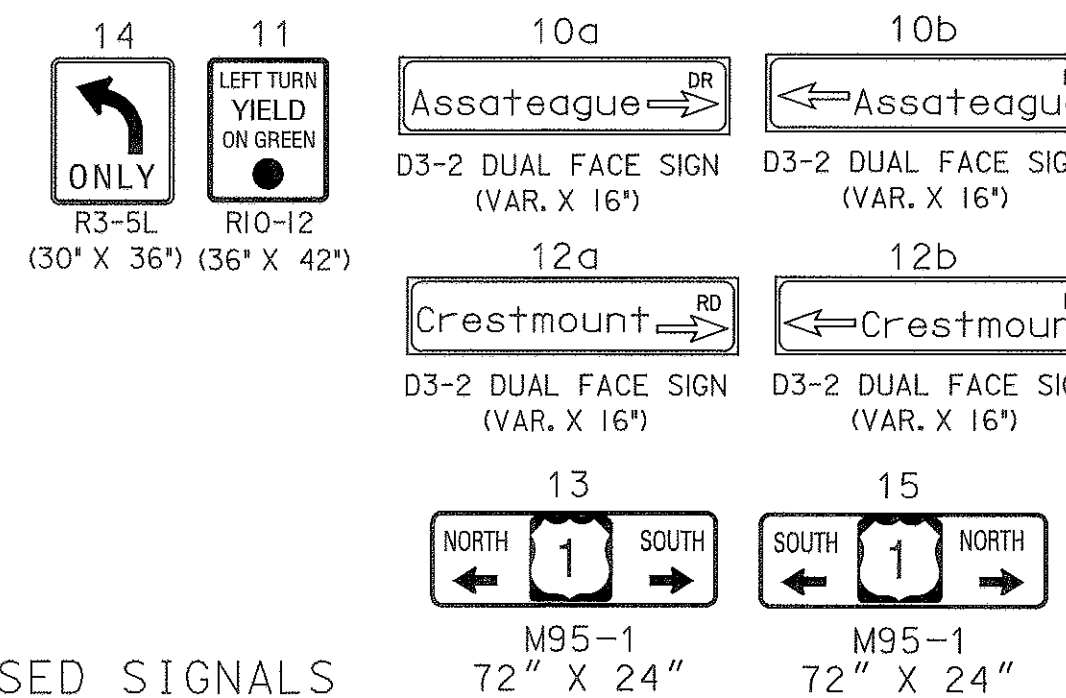


US 1 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

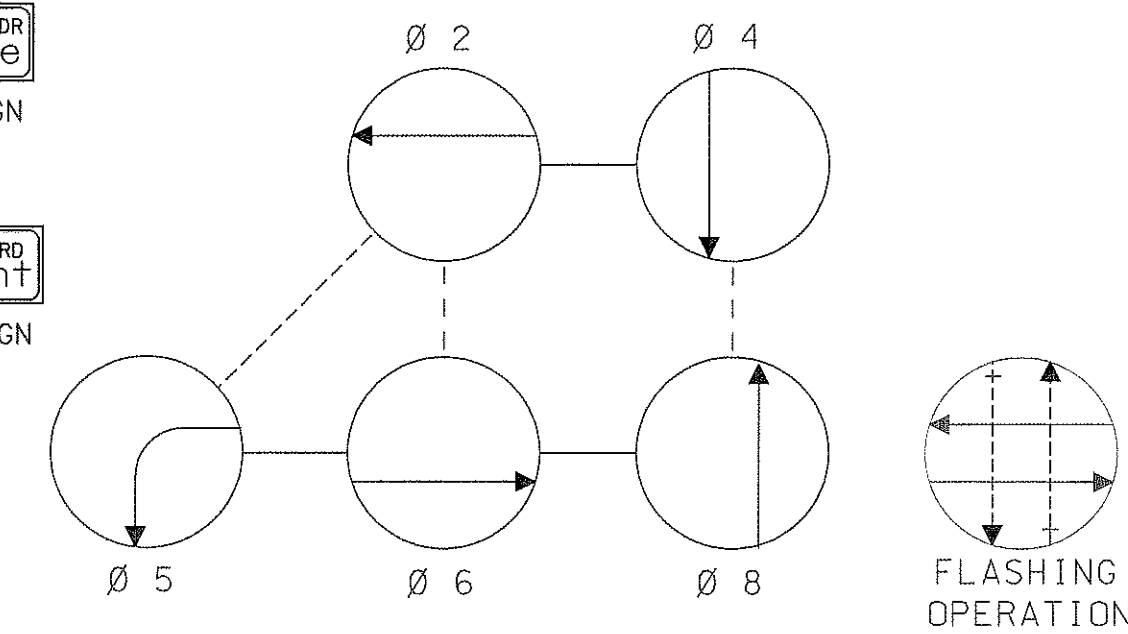
CONSTRUCTION DETAILS

- A. INSTALL 27 FT. MAST ARM POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND 15 FT. LIGHTING ARM WITH A 250 WATT LUMINAIRE (NOTE: 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
- B. INSTALL 27 FT. MAST ARM POLE WITH A 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND A 15 FT. LIGHTING ARM WITH A 250 WATT HPSV LUMINAIRE (NOTE: 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
- C. INSTALL 21 FT. MAST ARM POLE WITH A 40 FT. MAST ARM, SIGNAL HEADS, AND SIGNS (NOTE: 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
- D. INSTALL 27 FT. MAST ARM POLE WITH A 44 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND A 15 FT. LIGHTING ARM WITH A 250 WATT LUMINAIRE (NOTE: 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
- E. INSTALL NON-EVASIVE MICRO-LOOP PROBED SET WITH A 500 FT. LEAD-IN
- F. INSTALL ELECTRICAL HANDHOLE
- G. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON METALLIC CONDUIT FOR DETECTOR SLEEVE
- H. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
- I. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
- J. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED
- K. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
- L. REPLACE EXISTING HANDHOLE FRAME AND COVER
- M. USE EXISTING ELECTRICAL CONDUIT
- N. USE EXISTING HANDHOLE
- O. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
- P. USE EXISTING DETECTORS
- Q. INSTALL HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTERS (SEE PAVEMENT MARKING TABLE)
- R. INSTALL HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW (SEE PAVEMENT MARKING TABLE)
- S. REMOVE EXISTING STRAIN POLE
- T. REMOVE EXISTING SPAN WIRE, SIGNAL HEADS, AND SIGNS
- U. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- V. INSTALL 5 IN. YELLOW HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- W. CAP AND ABANDON EXISTING CONDUIT
- X. INSTALL 6 FT. X 30 FT. QUADRUPOLE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- Y. INSTALL 1 IN. GALVANIZED STEEL CONDUIT (DETECTOR WIRE SLEEVE)
- Z. INSTALL 5 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING

PROPOSED SIGNS



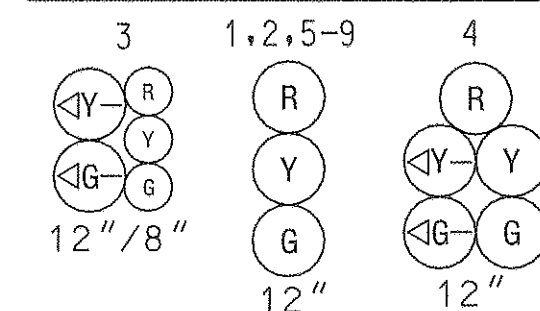
NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

PROPOSED SIGNALS



LANE DROP SIGNING AND MARKING LOCATION TABLE	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
LEFT ARROW	50'
ONLY	90'
LEFT ARROW	130'

TRAFFIC **C**ONCEPTS, INC.

Brightview Business Center
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE _____ A _____
ELECTRICAL _____ E _____
TELEPHONE _____ T _____
GAS _____ G _____
SEWER _____ S _____
WATER _____ W _____
CABLE TV _____ TV _____

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION PLAN
US 1 AT ASSATEAGUE DRIVE/CRESTMOUNT ROAD

DRAWN BY: D.DODA
CHECKED BY: W.F. FITCH
SCALE: 1" = 20'
DATE: _____

F.A.P. NO. _____
S.H.A. NO. _____
COUNTY: HOWARD
LOG MILE: _____

TS NO. TS-913E
T.I.M.S. NO. E618
SHEET NO. 1 OF 2

REVISIONS		APPROVALS	
D	3-31-99 H07965176 RELOCATE DETECTORS ON NORTHBOUND RT. 1	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
RTB	DD DAZ BK 4-16-01	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
E	REBUILD EXISTING SIGNAL SHA NO. XX1005785	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
TMZ	W.F. FITCH	DIRECTOR, TRAFFIC & SAFETY	